TITLE: NEW GLASS-CERAMIC COMPOUNDS FOR PROTON CONDUCTING MEMBRANES AND METHODS OF MAKING SAME

INVENTORS NAME: Steven A. Poling et al.
DOCKET NO.: 900.186US1
1/10

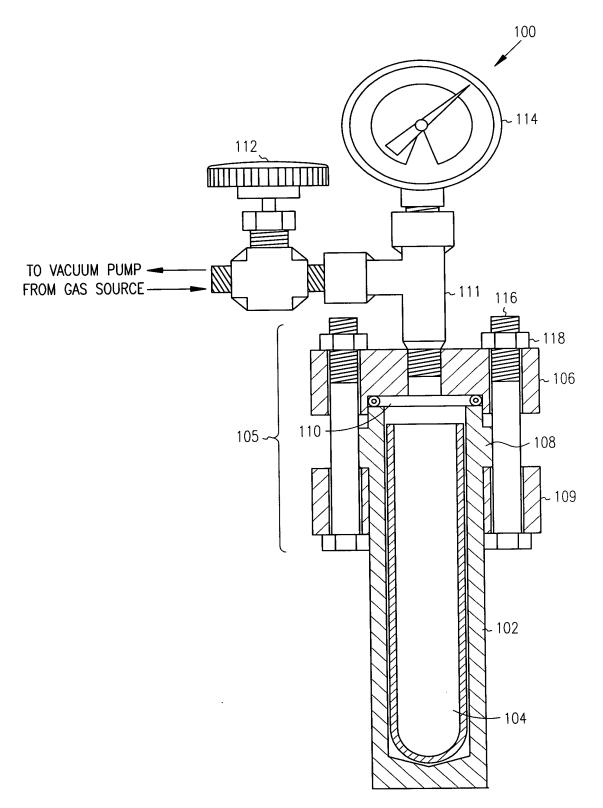
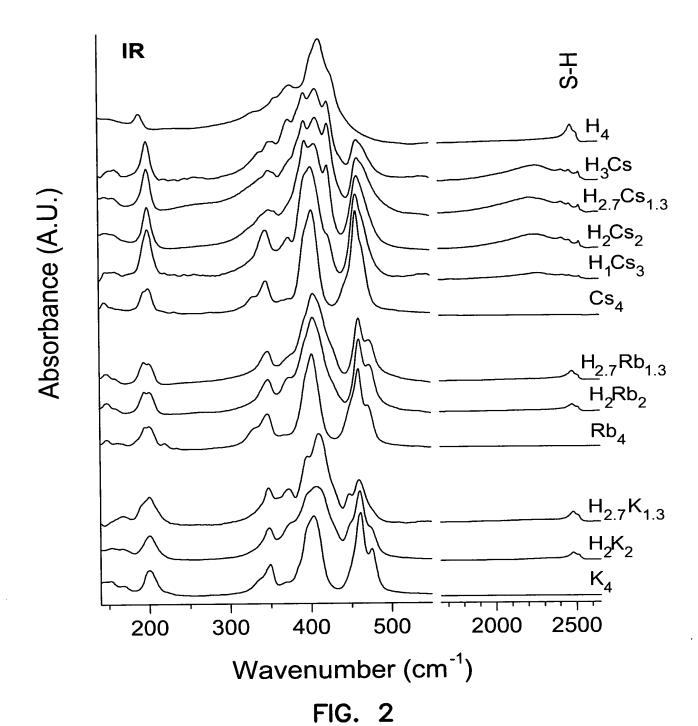


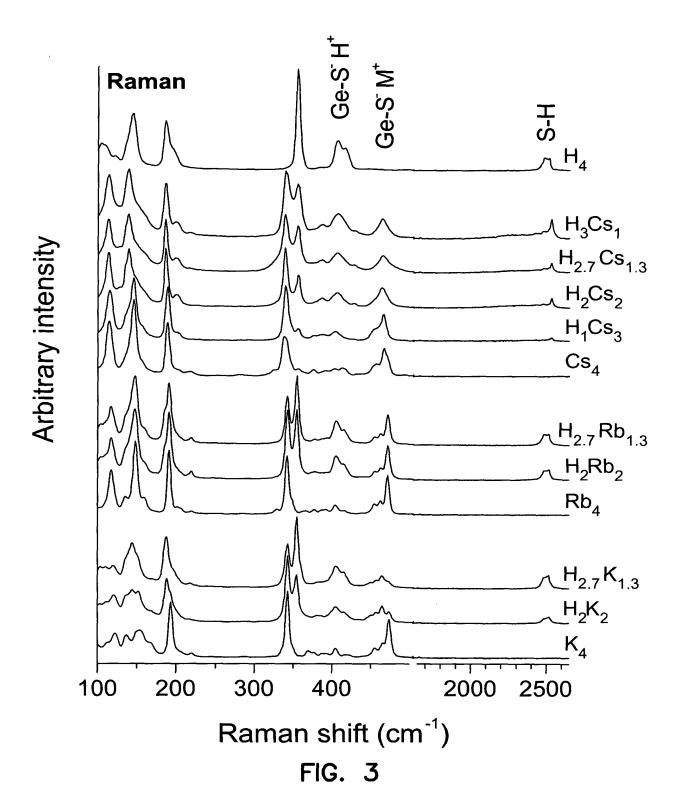
FIG. 1

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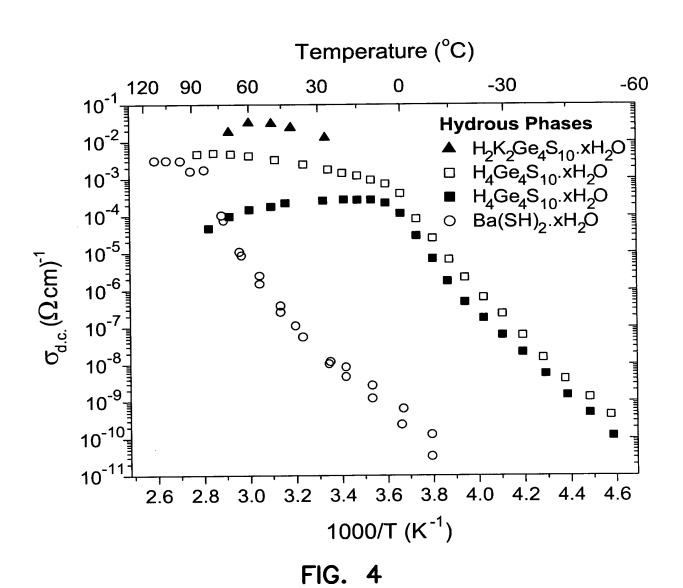


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TITLE: NEW GLASS-CERAMIC COMPOUNDS FOR PROTON CONDUCTING MEMBRANES AND METHODS OF MAKING SAME INVENTORS NAME: Steven A. Poling et al. DOCKET NO.: 900.186US1

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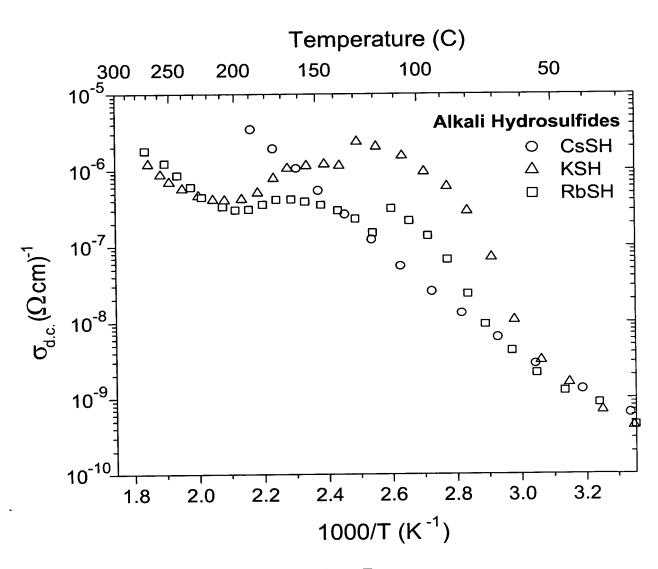


FIG. 5

TITLE: NEW GLASS-CERAMIC COMPOUNDS FOR PROTON CONDUCTING MEMBRANES AND METHODS OF MAKING SAME INVENTORS NAME: Steven A. Poling et al. DOCKET NO.: 900.186US1

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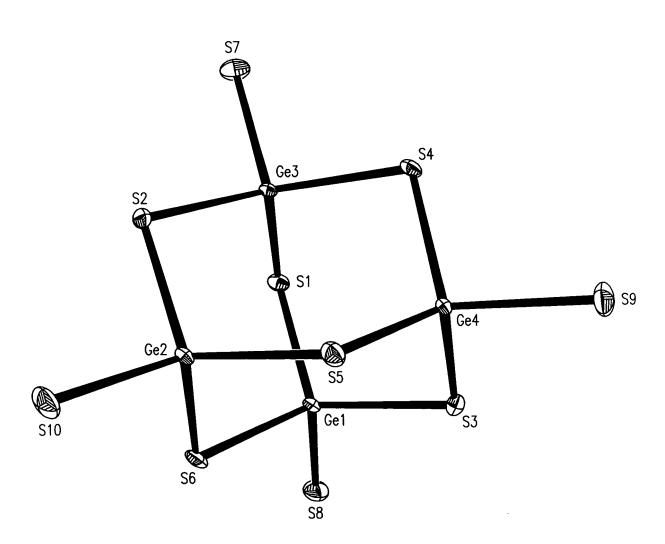


FIG. 6

TITLE: NEW GLASS-CERAMIC COMPOUNDS FOR PROTON CONDUCTING MEMBRANES AND METHODS OF MAKING SAME INVENTORS NAME: Steven A. Poling et al. DOCKET NO.: 900.186US1

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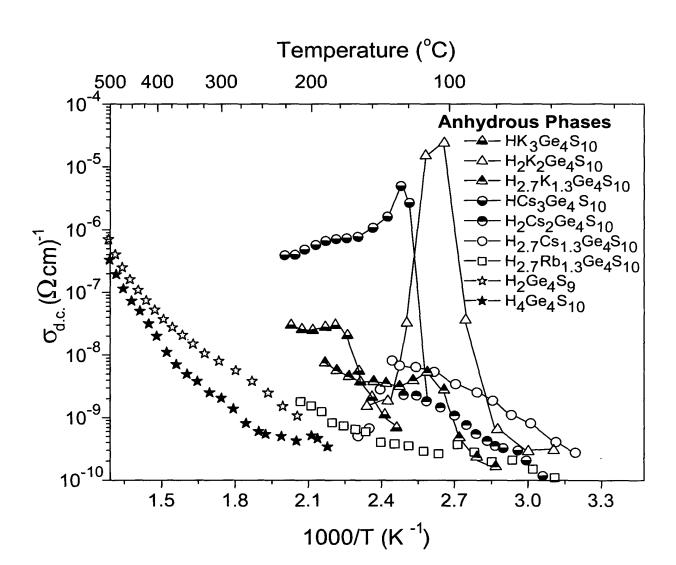


FIG. 7

TITLE: NEW GLASS-CERAMIC COMPOUNDS FOR PROTON CONDUCTING MEMBRANES AND METHODS OF MAKING SAME INVENTORS NAME: Steven A. Poling et al. DOCKET NO.: 900.186US1

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Temperature (°C)

250 200 150 100 50

Thiomolybdic Acid

FIG. 8

2.6

 $1000/T (K^{-1})$

2.8

2.4

3.2

3.4

3.0

2.2

2.0

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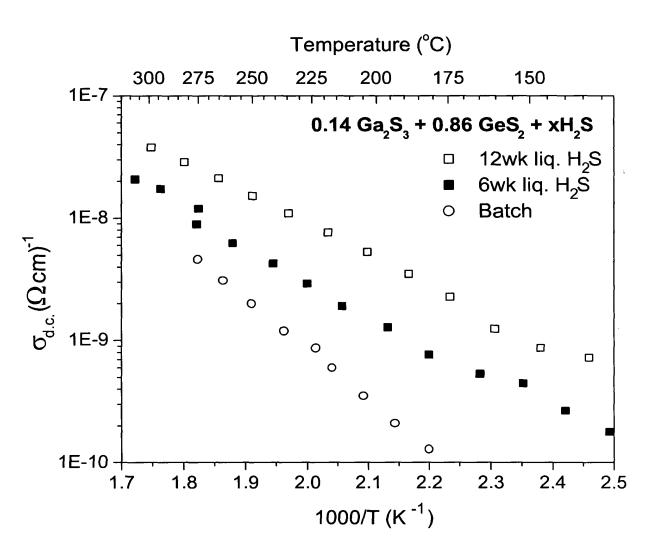


FIG. 9

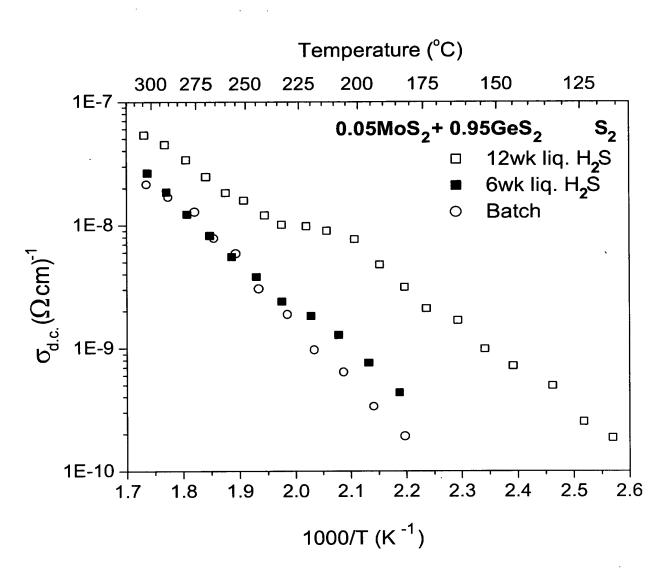


FIG. 10